



PTO/SB/088 (08-03)

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/771040
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	February 03, 2004
		First Named Inventor	FRANK P. UCKERT ET. AL.
		Group Art Unit	1752
		Examiner Name	Unknown
		Attorney Docket Number	UC0210USNA
Sheet	1	of	1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
cm		JP2002155131, Patent Abstract, New Polyfluorene, Agglomerate of the Polyfluorene and Film Containing the Polyfluorene, May 28, 2002	<input type="checkbox"/>
cm		JP03028220, Patent Abstract, Electrochromic Element, February 6, 1991, JPO&apio	<input type="checkbox"/>
cm		JP02269734, Patent Abstract, Polyphenylene Polymer and Its Production, November 5, 1990, JPO&apio	<input type="checkbox"/>
cm		LIST, EMIL J.W. et al., The Effect of Keto Defect Sites on the Emission Properties of Polyfluorene-Type Materials, Advanced Materials, March 4, 2002, 374-378, 14(5), Wiley-VCH Verlag GmbH	<input type="checkbox"/>
cm		TEETSOV, JULIE et al., Near-field Scanning Optical Microscopy (NSOM) study of alkyl-substituted polyfluorene films: The affect of alkyl substituent length on nanoscale polymer ordering and cluster formation, Macromol. Symp., 2001, 153-166, 167, Wiley-VCH Verlag GmbH	<input type="checkbox"/>
cm		NOTHOFFER, HEINZ-GEORG et al., Liquid Crystalline Polyfluorenes for Blue Polarized Electroluminescence, Macromol. Symp., 2000, 139-148, 154, Wiley-VCH Verlag GmbH	<input type="checkbox"/>
cm		TEETSOV, JULIE A. et al., Near-Field Scanning Optical Microscopy (NSOM) Studies of Nano-Scale Polymer Ordering in Thin Films of Poly(9,9-Dialkylfluorene), Polymer Preprints, 2000, 1450-1451, 41(2)	<input checked="" type="checkbox"/>
cm		TEETSOV, JULIE et al., Photophysical characterization of dilute solutions and ordered thin films of alkyl-substituted polyfluorenes, J. Mater. Chem., 1999, 2117-2112, 9	<input type="checkbox"/>
cm		PSCHIRER, NEIL G. et al., Poly(fluorenyleneethynylene)s by Alkyne Metathesis: Optical Properties and Aggregation Behavior, Macromolecules, 2000, 3981-3963, 33, American Chemical Society	<input type="checkbox"/>
cm		NOTHOFFER, HEINZ-GEORG, Liquid Crystalline Polyfluorenes, Dissertation, University Potsdam, April 2001	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	cmf	Date Considered	10/24/05
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1

Application Number	10/771,040
Filing Date	February 03, 2004
First Named Inventor	Frank P. Uckert Et. Al.
Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	UC0210USNA

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^o
		Country Code ¹ -Number ² -Kind Code ³ (if known)				
JH CH CH CH		EP 0 259 229 A1	09-02-1987	Etat France UnivRennes		
		EP 1 212 271 B1	01-14-2004	Univ Joseph Fourier		
		EP 1 123 336 B1	03-10-2004	Covion OrgSemiconduct		
		WO 97/33323	09-12-1997	Uniax Corporation		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/771,040
Filing Date	February 3, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1752
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U.S. PATENT DOCUMENTS

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SP		EP 0 956 312 B1	01-29-1998	JSR Corporation		<input type="checkbox"/>
SP		WO 99/54943A1	10-28-1999	Dow Chemical Company		
Ch		WO 00/55827A1	09-21-2000	Cambridge Display Techn		
Ch		WO 01/07502 A2	02-01-2001	Cambridge Display Techn		<input type="checkbox"/>
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2

of 2

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AM		DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 08-13-2000, Aventis Res & Technologies GmbH	<input type="checkbox"/>
CM		JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp	<input type="checkbox"/>
AM		JP 08157575, Carrier transport polymers - useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1998, Toppan Printing Co. Ltd.	<input type="checkbox"/>
CM		JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK	<input type="checkbox"/>
CM		JP 10273522, Production of phenylene group-containing copolymers - comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
AM		JP 10273521, Production of phenylene group-containing copolymers - comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
AM		JP 03028220, Electrochromic elements for display or optical shield glass - contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
CM		JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derivs, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
CM		JP 02269734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluorene derive., Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
CM		KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology	<input type="checkbox"/>
CM		COWELL, ALLAN B. ET AL., Fluoroalkylation of Aromatic Compounds, Journal of Fluorine Chemistry, 17, 1981, 345-356, Elsevier Sequoia S.A., Lausanne, The Netherlands	<input type="checkbox"/>
CM		KAMIGATA, NOBUMASA ET AL., Direct Perfluoroalkylation of Aromatic and Heteroaromatic Compounds with Perfluoroalkanesulfonyl Chlorides Catalysed by a Ruthenium (II) Phosphine Complex, J. Chem. Soc. Perkin Trans., 1, 1994, 1339-1348	

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